

1. Method for the determination of alkaline phosphatase in a sample by optical measurement, wherein a main measurement wavelength of  $450 \pm 10$  nm is used in combination with the rate blank procedure.
2. Method as claimed in claim 1, wherein the determination is carried out in a serum or plasma sample.
3. Method as claimed in one of the previous claims, wherein a sample is determined which contains free haemoglobin or a blood substitute manufactured on a haemoglobin basis.
4. Method as claimed in one of the previous claims, wherein the blood substitute contains a derivatized, modified or cross-linked human haemoglobin, bovine haemoglobin or a recombinantly produced haemoglobin.
5. Method as claimed in one of the previous claims, wherein the sample has a haemoglobin content of up to 6500 mg/dl.
6. Method for eliminating interference caused by free haemoglobin or blood substitutes in a method for determining alkaline phosphatase, wherein a main measurement wavelength of  $450 \pm 10$  nm is used in combination with the rate blank procedure.

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3. Method as claimed in one of the previous claims, wherein a sample is determined which contains free haemoglobin or a blood substitute manufactured on a haemoglobin basis.
4. Method as claimed in one of the previous claims, wherein the blood substitute contains a derivatized, modified or cross-linked human haemoglobin, bovine haemoglobin or a recombinantly produced haemoglobin.
5. Method as claimed in one of the previous claims, wherein the sample has a haemoglobin content of up to 6500 mg/dl.
6. Method for eliminating interference caused by free haemoglobin or blood substitutes in a method for determining alkaline phosphatase, wherein a main measurement wavelength of  $450 \pm 10$  nm is used in combination with the rate blank procedure.

- add A2